



## **SG-8003JF-PDM Information**



For Reference Only

Part Number SG-8003JF-PDM

Manufacturer EPSON

**Category** Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG CMOS 2.5V EN/DS 100PPM

Package 4-SOJ, 5.08mm pitch

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **SG-8003JF-PDM Specifications**

Manufacturer Part Number         SG-8003JF-PDM           Manufacturer         EPSON           Category         Crystals, Oscillators, Resonators           Programmable Oscillators           Package         4-SOJ, 5.08mm pitch           Series         SG-8003           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 166MHz           Function         Enable/Disable           Output         CMOS           Voltage - Supply         2.5V           Frequency Stability (Total)         2.5V           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         15mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SOJ, 5.08mm pitch           Size / Dimension         0.280" L x 0.181" W (7.10mm x 4.60mm)           Height         0.059" (1.50mm)		
Category         Crystals, Oscillators, Resonators           Package         4-SOJ, 5.08mm pitch           Series         SG-8003           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 166MHz           Function         Enable/Disable           Output         CMOS           Voltage - Supply         2.5V           Frequency Stability (Total)         -           Operating Temperature         40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         15mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SOJ, 5.08mm pitch           Size / Dimension         0.280" L x 0.181" W (7.10mm x 4.60mm)           Height         0.059" (1.50mm)	Manufacturer Part Number	SG-8003JF-PDM
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Output CMOS  Voltage - Supply 2.5V  Frequency Stability ±100ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 15mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SOJ, 5.08mm pitch  Size / Dimension 0.280" L x 0.181" W (7.10mm x 4.60mm)  Height 0.059" (1.50mm)	Available Frequency Range	1MHz ~ 166MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Operating Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SOJ, 5.08mm pitch Size / Dimension Height  2.5V  2.5V  2.5V  2.6V  4-NOJ  -  -  -  -  -  -  -  -  -  -  -  -  -	Function	Enable/Disable
Frequency Stability (Total)	Output	CMOS
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SOJ, 5.08mm pitch  Size / Dimension  0.280" L x 0.181" W (7.10mm x 4.60mm)  Height  -40°C ~ 85°C  -40°C ~ 85°C  -500  -500  -500  -500  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600  -600	Voltage - Supply	2.5V
Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 4-SOJ, 5.08mm pitch Size / Dimension 0.280" L x 0.181" W (7.10mm x 4.60mm) Height 0.059" (1.50mm)	Frequency Stability	±100ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SOJ, 5.08mm pitch  Size / Dimension  0.280" L x 0.181" W (7.10mm x 4.60mm)  Height  -  0.059" (1.50mm)	Frequency Stability (Total)	-
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Package / Case 4-SOJ, 5.08mm pitch Size / Dimension 0.280" L x 0.181" W (7.10mm x 4.60mm) Height 0.059" (1.50mm)	Ratings	-
Size / Dimension       0.280" L x 0.181" W (7.10mm x 4.60mm)         Height       0.059" (1.50mm)	Mounting Type	Surface Mount
Height 0.059" (1.50mm)	Package / Case	4-SOJ, 5.08mm pitch
•	Size / Dimension	0.280" L x 0.181" W (7.10mm x 4.60mm)
Report errors?	Height	0.059" (1.50mm)
		Report errors?

#### **SG-8003JF-PDM Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **SG-8003JF-PDM Payment Methods**





















### **SG-8003JF-PDM Shipping Methods**













If you have any question about SG-8003JF-PDM, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com